

Objectives

- Obtain Password for NAP (NESS Application Portal)
- Login to WIMS via NAP
- Navigation Methods
 - Menus
 - FastPaths
 - What are FastPaths
 - How FastPaths work
 - Navigation Tree
- Query Blocks
- Editing/Displaying Observations
- Printing/Exporting Observations

FAMWEB

- Web Address http://fam.nwcg.gov/fam-web/
- Where WIMS, and several other applications are located including KCFast, SIT 209,etc
- Located at NITC (USDA National Information Technology Center)
- Access WIMS through NAP (NESS Application Portal)
- NAP also used to access ROSS (Resource Ordering and Status System)



NATIONAL FIRE AND AVIATION MANAGEMENT WEB APPLICATIONS

FAMWEB Home Contact Us FAQ Help Disclaimer

Welcome to FAMWEB

▶ FAMWEB

AMIS ARS AWSR

FIRESTAT

▶ SIT-209

▶ FAMWEB Data Warehouse

KCFAST

₩IMS

TechNotes User Guide FEPMIS LESO FEPMIS

▶ Electronic Forms

Wildland Fire Related Links

Other Links/Forms

FAMTEST

FAMWEB Logon Request (AWSR, AMIS, ARS, FIRESTAT, SIT, 209)

Log On (AWSR, AMIS, ARS, FIRESTAT, SIT, 209)

> This site is maintained by: National Interagency Fire Cent



DATE

FTP2 Reminder

Click WIMS/NAP Logon Link

lable. To retrieve yo your use and is nov

menu option.



The Fire and Aviation Management Web Applications web site brings together a variety of appl interagency fire and aviation management managed by the <u>National Wildfire Coordinating</u> The website provides detailed information, data access, and application entry points for system the public.



How to request a new FamWEB account document.





Government Warning

Unauthorized access to this United States Government Computer System and software is prohibited by Title 18, United States Code 1030.

This statute states that: Whoever knowingly, or intentionally accesses a computer without authorization or exceeds authorized access, and by means of such conduct, obtains, alters, damages, destroys, or discloses information or prevents authorized use of (data or a computer owned by or operated for) the Government of the United States shall be punished by a fine under this title or imprisonment for not more than 10 years, or both.

All activities on this system and network may be monitored, intercepted, recorded, read, copied, or captured in any manner and disclosed in any manner by authorized personnel. THERE IS NO RIGHT OF PRIVACY ON THIS SYSTEM. System personnel may give to law enforcement officials any potential evidence of crimes found on this USDA computer system.

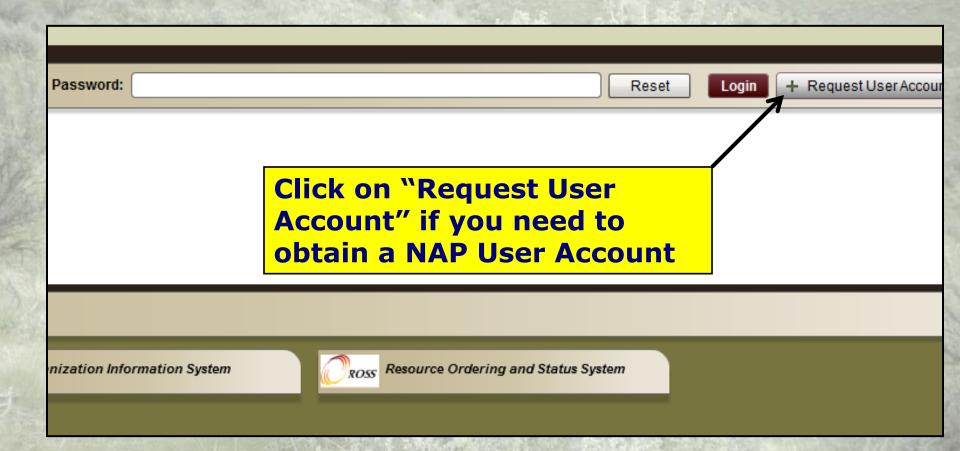
USE OF THIS SYSTEM BY ANY USER, AUTHORIZED OR UNAUTHORIZED, CONSTITUTES CONSENT TO THIS MONITORING, INTERCEPTION, RECORDING, READING, COPYING OR CAPTURING AND DISCLOSURE. REPORT UNAUTHORIZED USE TO AN INFORMATION SYSTEMS SECURITY OFFICER.

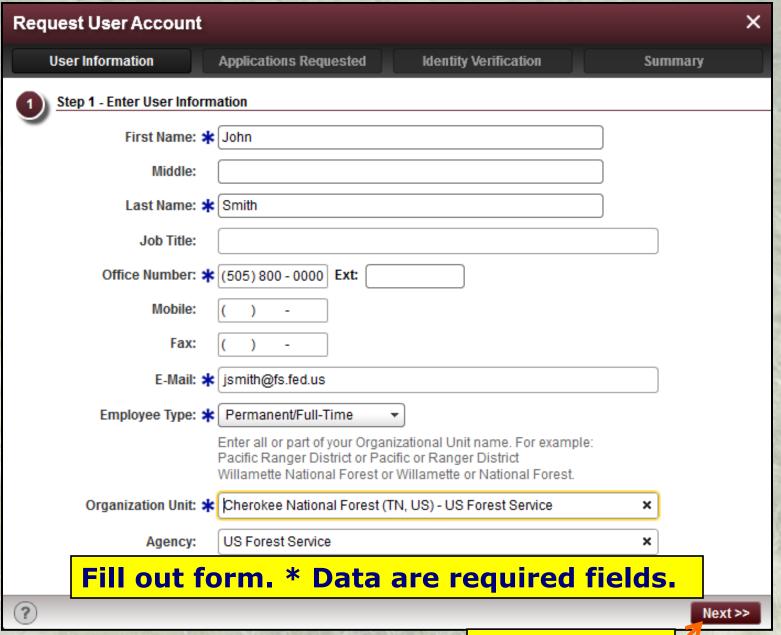
Privacy Policy Information related to this application and applications accessed through this web portal can be found at:

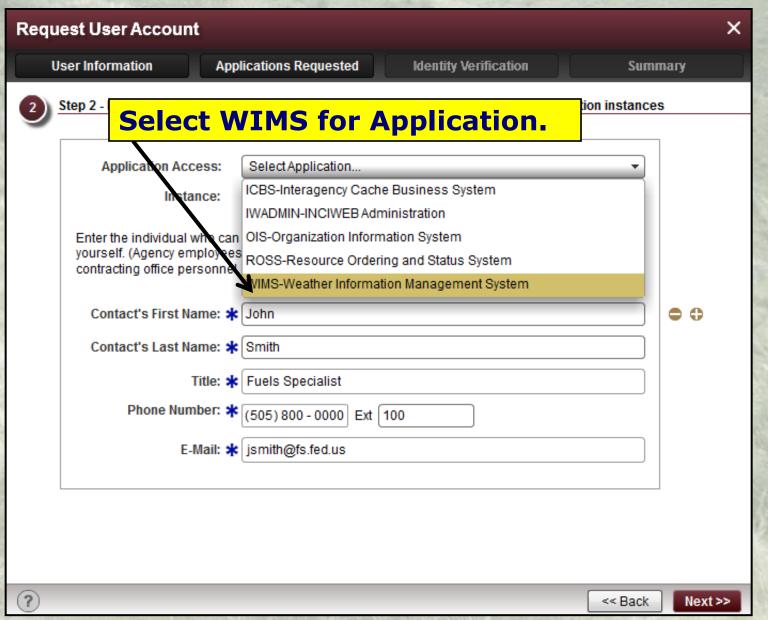
http://www.fs.fed.us/privacy.shtml

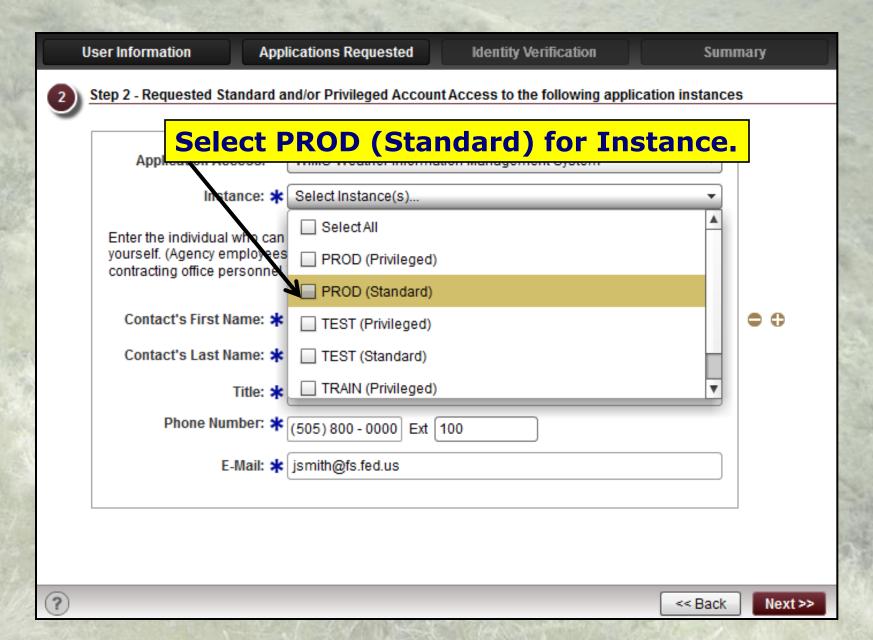
Decline Accept

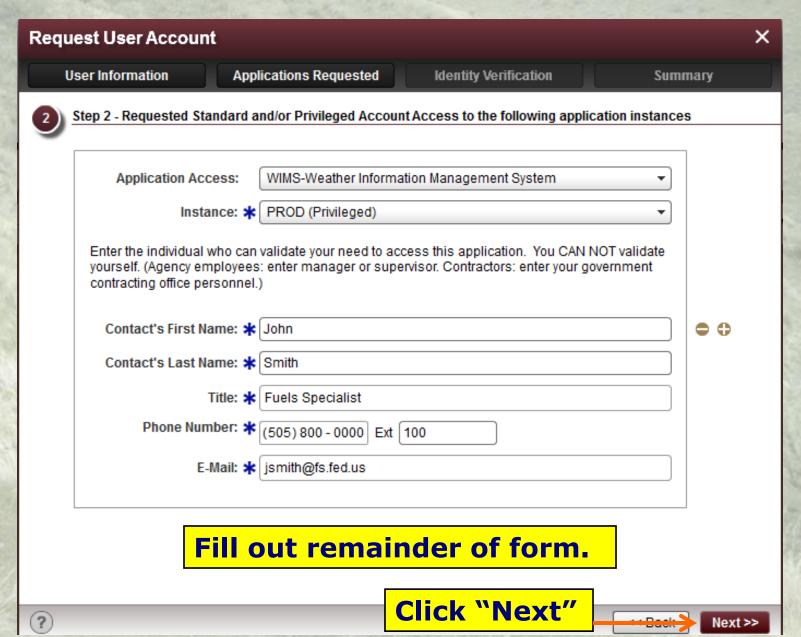
Click "Accept"

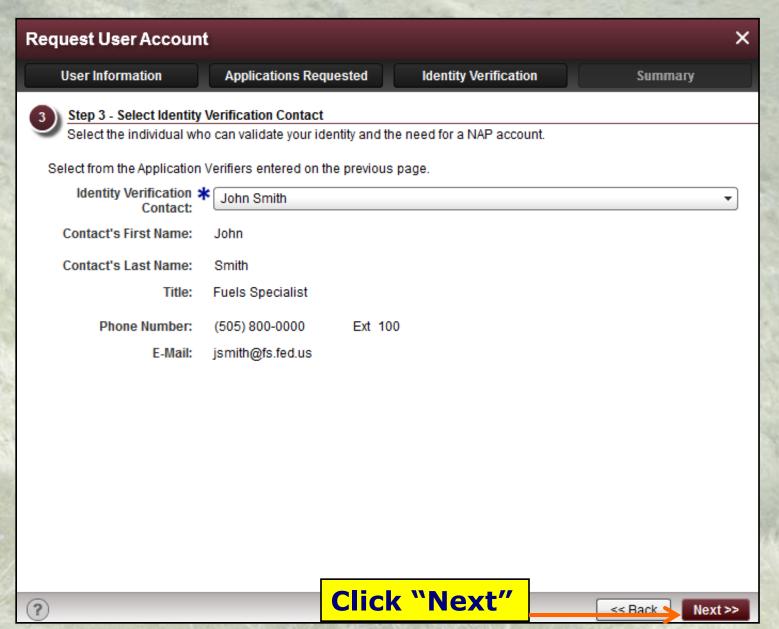


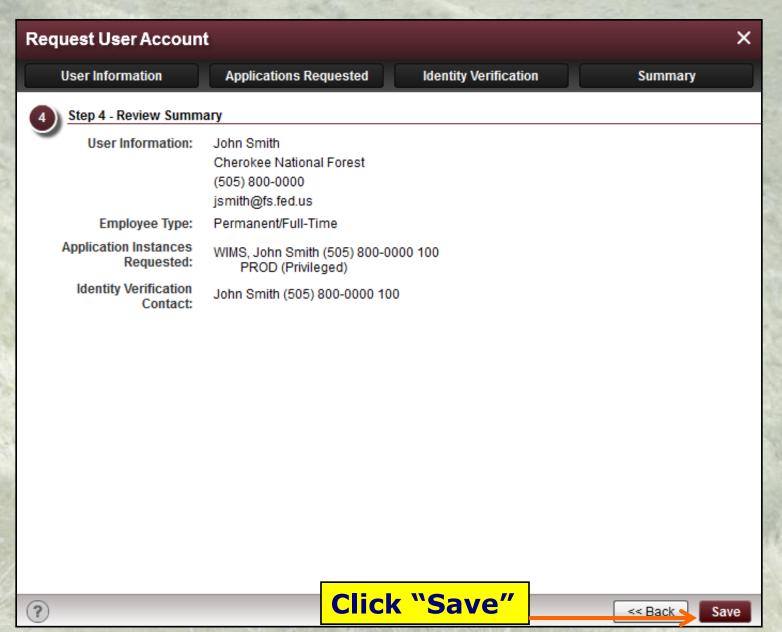














NATIONAL FIRE AND AVIATION MANAGEMENT WEB APPLICATIONS

FAMWEB Home Contact Us FAQ Help Disclaimer

Welcome to FAMWEB



DATE

**FTP2 Reminder

Click here to enter WIMS

le. To retrieve ur use and is

menu option.



▶ WIMS <</p> **FEPMIS** LESO FEPMIS

- ▶ Electronic Forms
- Wildland Fire Related Links

▶ FAMWEB Data Warehouse

Other Links/Forms

FAMTEST

AMIS ARS **AWSR**

FIRESTAT **▶ SIT-209**

▶ KCFAST

FAMWEB Logon Request (AWSR, AMIS, ARS, FIRESTAT, SIT, 209)

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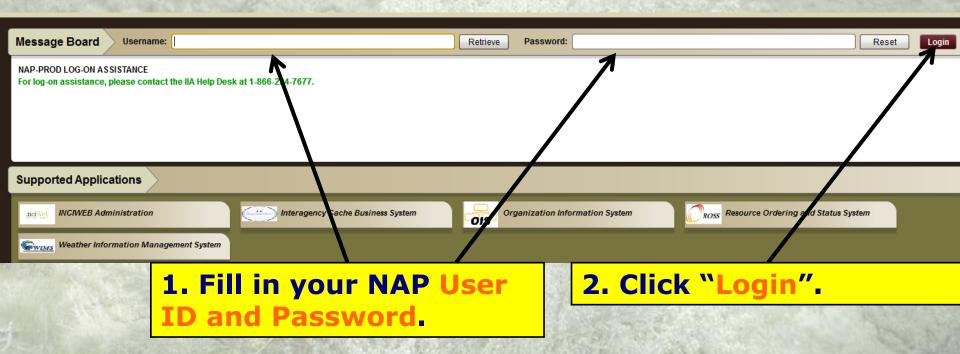
USE OF THIS SYSTEM BY ANY USER, AUTHORIZED OR UNAUTHORIZED, CONSTITUTES CONSENT TO THIS MONITORING, INTERCEPTION, RECORDING, READING, COPYING OR CAPTURING AND DISCLOSURE. REPORT UNAUTHORIZED USE TO AN INFORMATION SYSTEMS SECURITY OFFICER.

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Log into NAP System



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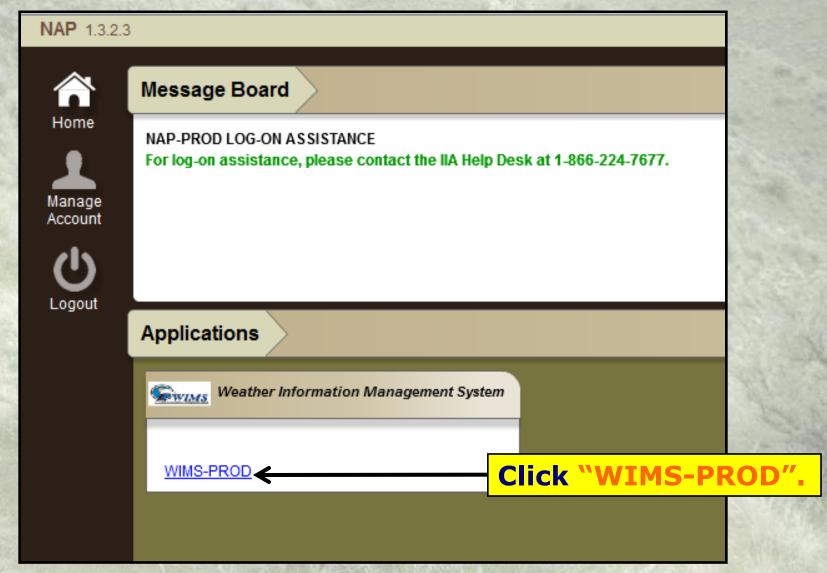
Decline

Accept

your User ID and

Password.

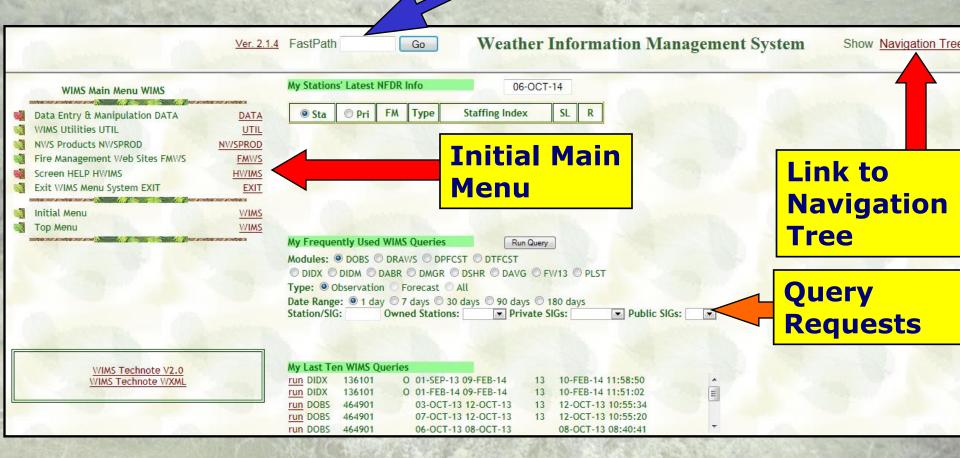
Open WIMS Application

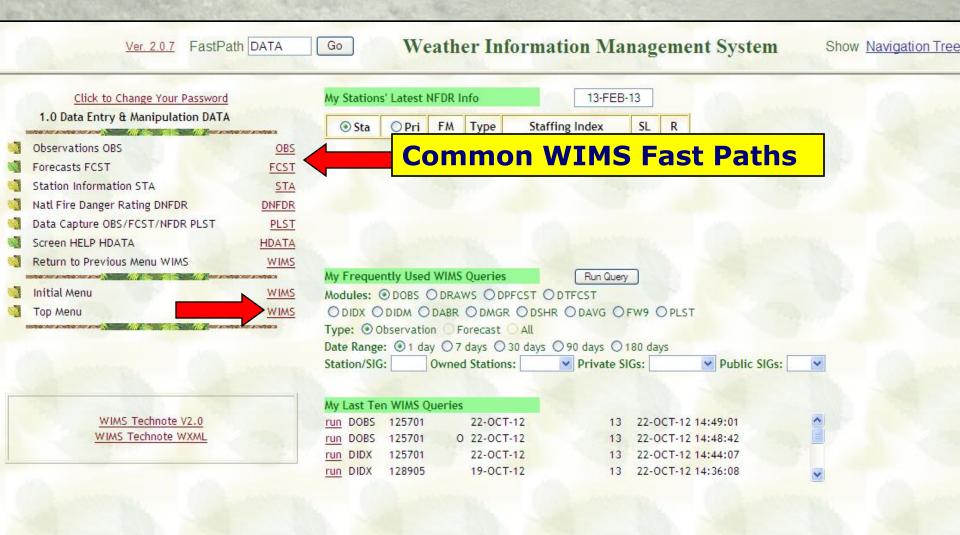


Navigating in WIMS

- Clicking the links on Menus
- FastPaths
- Navigation Tree
- Query Blocks

Fast Path entry





FastPaths

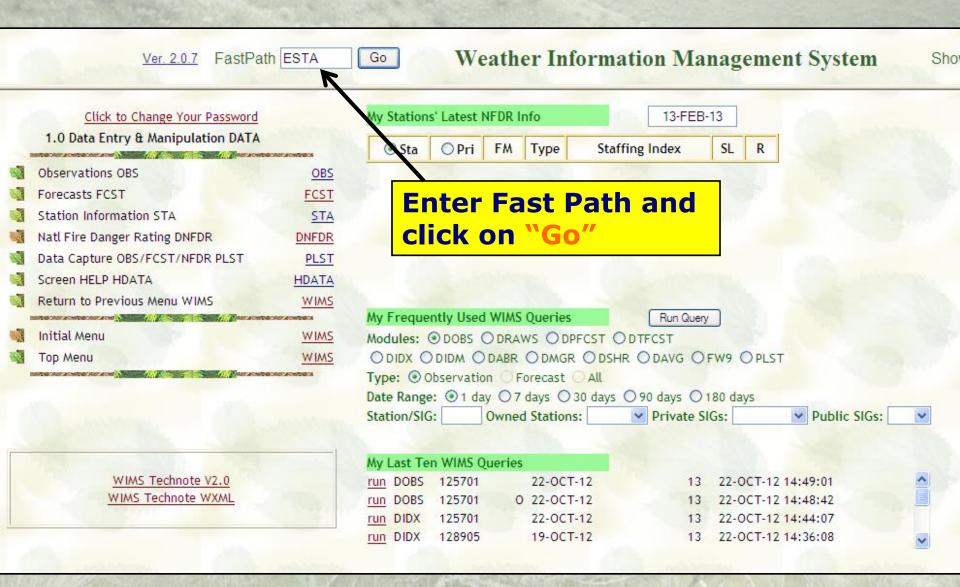
- Links to screens located in WIMS
- 1st letter denotes action to be performed
 - D Display
 - E Edit
 - L List
 - M Maintain
 - N New

Commonly Used FastPaths

- DOBS Display observations
- EOBS Edit Observations
- ESTA Edit Station
- ENFDR Edit NFDRS Parameters
- ENRR Recalculate NFDRS Indices
- DRAWS Display RAWS data
- DIDX Display NFDR Indexes
- DIDM Display moisture values

Additional FastPaths to know

- LACL list the contents of an ACL group
- LSIG list the contents of a SIG group
- LUSER list the users in WIMS
- PROFILE view and set profile defaults

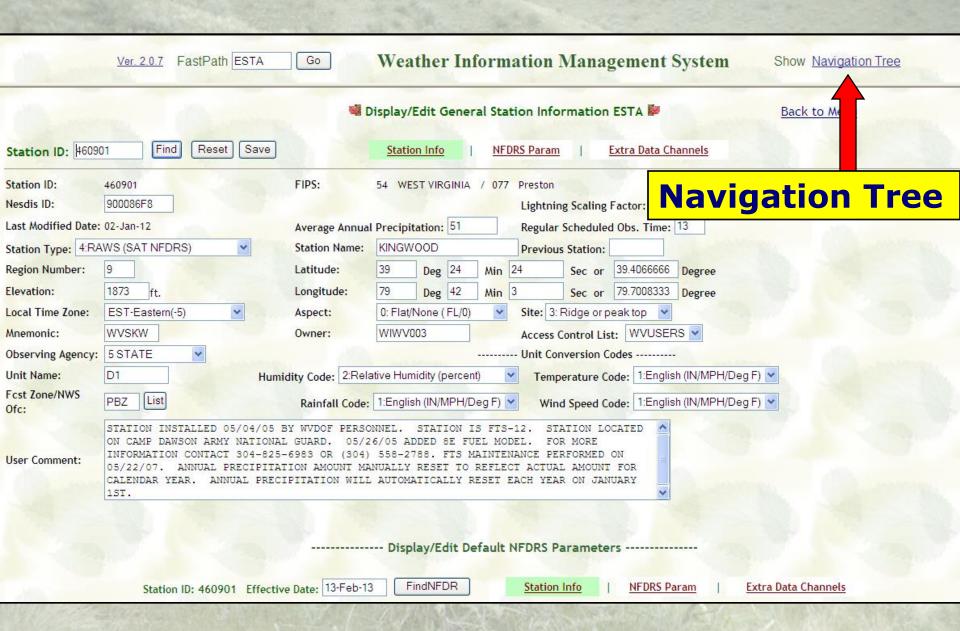


ESTA - Edit Station Data

100		10 ²⁰ D	Similar (Edit Connection Information FCTA ##
		W D	risplay/Edit General Station Information ESTA Menu
Station ID: 46090	1 Find Reset Save		Station Info NFDRS Param Extra Data Channels
itation ID:	460901	FIPS:	54 WEST VIRGINIA / 077 Preston
lesdis ID:	900086F8		Lightning Scaling Factor: 1
ast Modified Date:	02-Jan-12	Average Annual	Precipitation: 51 Regular Scheduled Obs. Time: 13
tation Type: 4:RA	WS (SAT NFDRS)	Station Name:	KINGWOOD Previous Station:
Region Number:	9	Latitude:	39 Deg 24 Min 24 Sec or 39.4066666 Degree
levation:	1873 ft.	Longitude:	79 Deg 42 Min 3 Sec or 79.7008333 Degree
ocal Time Zone:	EST-Eastern(-5)	Aspect:	0: Flat/None (FL/0) Site: 3: Ridge or peak top
Anemonic:	WVSKW	Owner:	WIWV003 Access Control List: WVUSERS ▼
Observing Agency:	5 STATE 💌		Unit Conversion Codes
Jnit Name:	D1 Humid	lity Code: 2:Rela	tive Humidity (percent) Temperature Code: 1:English (IN/MPH/Deg F)
cst Zone/NWS Ofc:	PBZ List	Rainfall Code:	1:English (IN/MPH/Deg F) Wind Speed Code: 1:English (IN/MPH/Deg F)
Jser Comment:	05/22/07. ANNUAL PRECIPITAT	GUARD. 05/2 6983 OR (304) ION AMOUNT MA	6/05 ADDED 8E FUEL MODEL. FOR MORE 558-2788. FTS MAINTENANCE PERFORMED ON
		<u> </u>	Display/Edit Default NFDRS Parameters
	Station ID: 460901 Effective	Date: 13-Feb-13	FindNFDR Station Info NFDRS Param Extra Data Channels

List of FastPaths?

- Navigation Tree
 - Displays FastPaths by area



```
☐ DATA - Data Entry and Manipulation
 ☐ OBS - Observations
     NOBS - New Observations
     EOBS - Edit Observations
     DOBS - Display Observations
     DRAWS - Display Remote Automatic Weather Stations
 ☐ FCST - Forecasts

    ⊞ EFCST - Edit Forecasts

 ☐ STA - Station Information
   MSTA - Maintain Station
   MSIG - Maintain Special Interest Groups
   ☐ DNFDR - Display National Fire Danger Rating
     DIDX - Display Index Format
     DIDM - Display Index (Moist) Format
     DMGR - Display Manager Format
     DSHR - Display Short Format
     DAVG - Display Weighted Average
     DABR - Display Abbreviated Format
     DNSR - Display Nelson/Solar Radiation
   PLST - Data Capture for OBS/FCST/NFDRS
   WXML - Data Exchange for OBS/FCST/NFDRS
☐ UTIL - Utilities
   PROFILE - Profile Setup
   LUSER - WIMS User List

☐ NWSPROD - NWS Products

   FWFCST - Fire Weather Forecasts
   RED FLAG - Red Flag Warnings
   SPOT - Spot Forecasts
    SMOKE - Smoke Management Forecasts
   ONARR - Various Other Narractives
### FMWS - Fire Management Web Sites
  EXIT - EXIT WIMS
```



Objectives

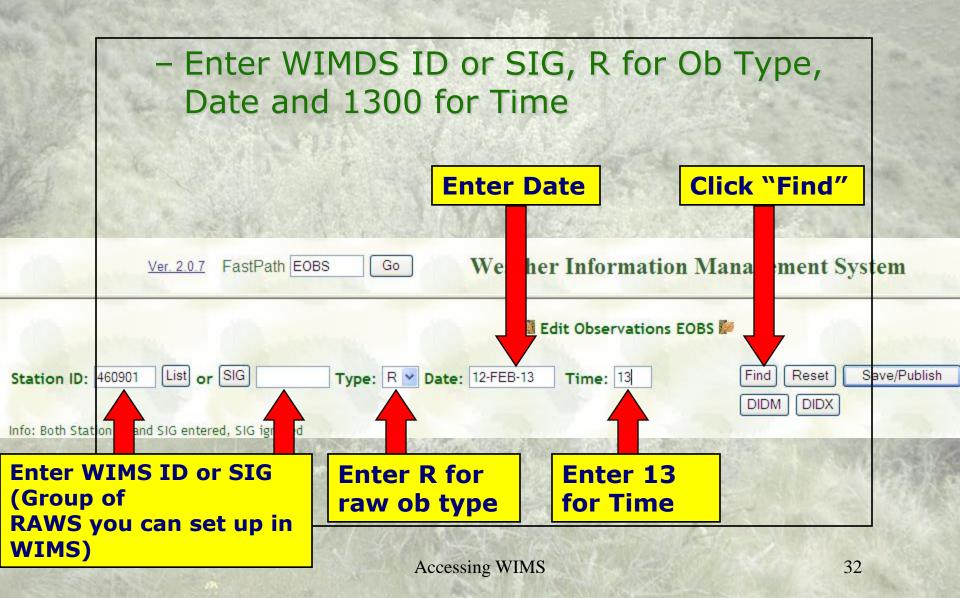
- Enter/edit observations
- Wet Flag when to force
- Missing Data how to enter
- Editing observations from DRAWS
- Special observation
- Export/Print observations

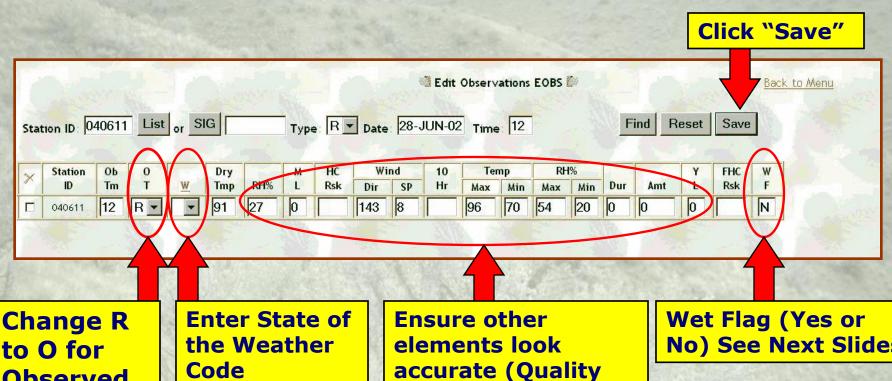
Entering/Edit Observations

- FastPaths
 - NOBS (New Observations)
 - EOBS (Edit Observations Daily 1300 Obs R->O)



Entering/Edit Observations





Control)

to O for **Observed** Code

State of Weather

- 0 Clear, less than 1/10 cloud cover
- 1 Scattered clouds, 1/10 5/10 cloud cover
- 2 Broken clouds, 6/10 9/10 cloud cover
- 3 Overcast, 10/10 cloud cover
- 4 Fog
- 5 Drizzle
- 6 Rain
- 7 Snow or sleet
- 8 Showers
- 9 Thunderstorms

No) See Next Slides

WET FLAG

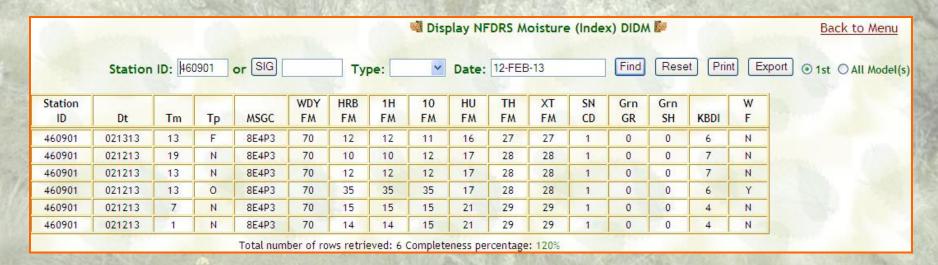
- Flag in the observation that notes the fuels are wet
- The State of the Weather will set the Wet Flag to Y or N
- The Wet Flag can be forced to Y even if the State of the Weather sets Wet Flag to N
- Setting the WF to Y will drive up the 1000hr and therefore effect live fuel moistures

FastPaths

DOBS

■ Display Observations DOBS																Back to Menu			
Station ID: 020509 or SIG Type: O Date: 16-MAR-0319-MAR-03 Time: Find Reset Print Export																			
Station	Obs	Ob	0		Dry		М	HC	Wind		10	Te	mp	RI	1%			Υ	FHC
ID	Date	Tm	T	W	Tmp	RH	L	Rsk	Dir	SP	Hr	Max	Min	Max	Min	Dur	Amt	L	Rsk
020509	19-Mar-03	13	0	2	57	34	1	25	0	0		58	43	49	30	0	0	1	25
020509	18-Mar-03	13	0	2	52	42	1	25	0	0		52	37	94	42	1	0.07	1	25
020509	17-Mar-03	13	0	6	47	71	2	25	0	0		50	42	95	71	7	0.33	1	25
020509	16-Mar-03	13	0	6	46	94	2	25	0	0		63	46	95	33	14	0.55	1	25

DIDM – Display NFDRS Fuel Moistures



FastPaths

DRAWS

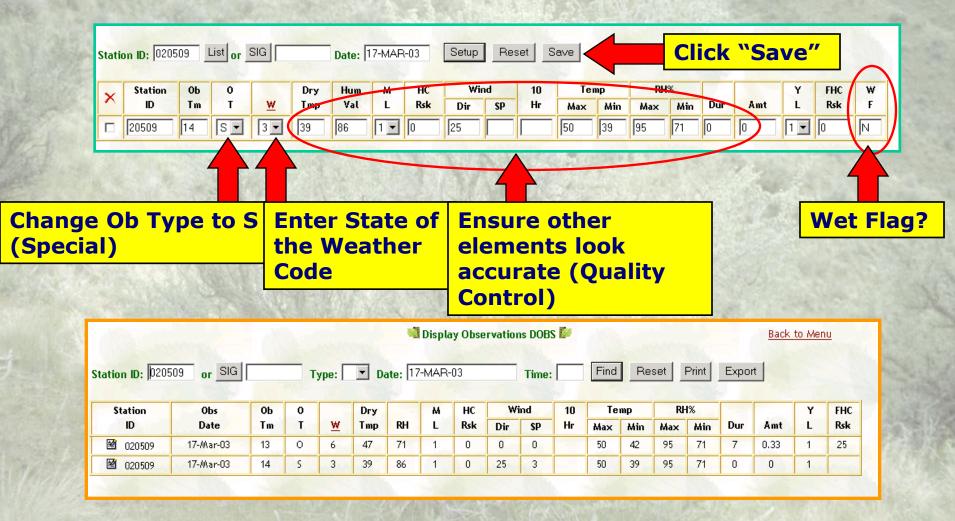
Station ID: 020509 or SIG				_ D	ate: 18	-MAR-0	13		Star	t Time:			Find	Reset	PrintAll	Print E	xport
Station OID	Obs Date		bs MM	0 T	Dry Tmp	RH	Win Dir	nd Sp	Te Max	mp Min	RI- Max	1% Min	RGauge	Hrly Prop	BVlt	BPress	Fuel Temp
№ 020509	18-Mar-03	23	12	R	48	40	4	3p	max 55	MIII 37	94	Min 35	6,1	0.0	12.9	DELESS	44
⊠ 020509	18-Mar-03	22	12	R	50	35	340	0	55	37	94	35	6.1	0.0	12.9		48
№ 020509	18-Mar-03	21	12	R	50	38	335	0	55	37	94	35	6.1	0.0	12.9		47
		_															-
⊠ 020509	18-Mar-03	20	12	R	50	39	341	0	55	37	94	35	6.1	0.0	12.9		47
⊠ 020509	18-Mar-03	19	12	R	51	40	326	0	55	37	94	35	6.1	0.0	12.9		49
⊠ 020509	18-Mar-03	18	12	R	53	35	337	0	55	37	94	35	6.1	0	13.1		51
₩ 020509	18-Mar-03	16	12	R	54	38	316	0	55	37	94	37	6.1	0.0	13.4		58
⊠ 020509	18-Mar-03	15	12	R	55	37	319	0	55	37	94	37	6.1	0.0	13.4		61
⊠ 020509	18-Mar-03	14	12	R	54	39	317	0	54	37	94	39	6.1	0.0	13.4	1000	60
₩ 020509	18-Mar-03	13	12	0	52	42	0	0	52	37	94	42	6.1	0.0	13.4		63
⊠ 020509	18-Mar-03	12	12	R	51	42	311	0	51	37	94	42	6.1	0.0	13.4	J-12.11	61
⊠ 020509	18-Mar-03	11	12	R	50	47	314	0	50	37	94	47	6.1	0.0	13.4		56
⊠ 020509	18-Mar-03	10	12	R	48	59	321	0	48	37	94	59	6.1	0.0	13.5		50
₩ 020509	18-Mar-03	9	12	R	46	69	291	0	48	37	94	59	6.1	0.0	13.5		48
₩ 020509	18-Mar-03	8	12	R	42	79	20	0	48	37	94	59	6.1	0.0	13.5		42
⊠ 020509	18-Mar-03	7	12	R	38	93	242	0	48	37	95	59	6,1	0.0	12.7		38
			-														
⊠ 020509 № 020509	18-Mar-03 18-Mar-03	6 5	12	R R	37 38	94 94	225 301	0	48 48	37 38	95 95	59 59	6.1	0.0	12.6		37

Special Observations

- Only one "O" observation per day
- For additional use "S"

Special Obs

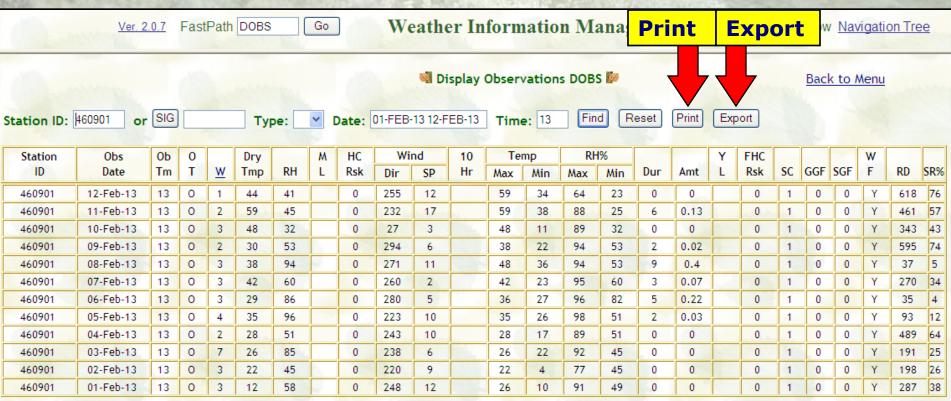
Use EOBS FastPath



Print/Export Observations

- Print creates a file formatted for printing
- Export creates a comma delimited file
 - Maybe imported into spreadsheets, etc.

Print/Export Obs

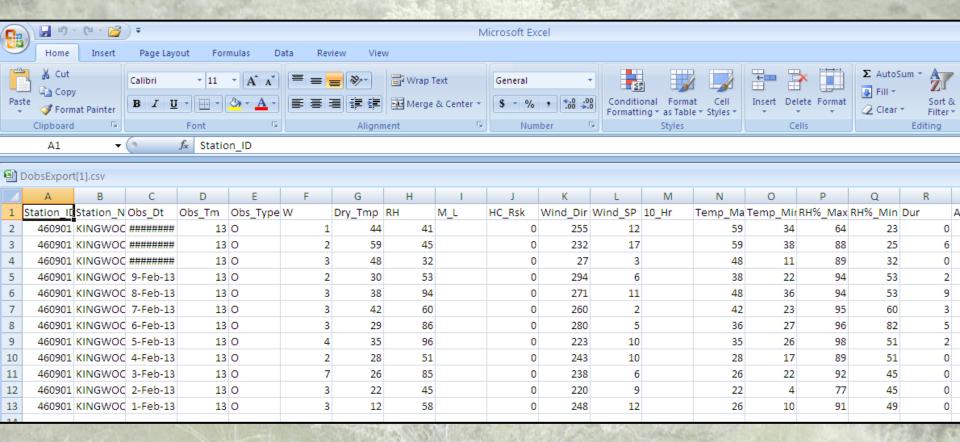


Total number of rows retrieved: 12 Completeness percentage: 100%

Print Output

<u>F</u> ile	<u>E</u> dit	<u>V</u> iew	F <u>a</u> vorites	<u>T</u> ools	<u>H</u> elp)															
							_					_			_						
	Sta	ation		cds	edo	edo	5.	Dry RH	M HC Wnd	wna	10 Tmp	Imp	RH€.	KH₹	Dur .	Amt 1	Y FHC	SCG	GF S	GF RD	SR€
II)	Name		Date	Tm	Тур	W:	Γmp	L Rsk Dir	Sp	HrMax	Min	Max!	Min		1	LRsk				
4 (50901	KINGW	00D 12-F	eb-13	13	0	1	44 41	0 255	12	59	34	64	23	0	0	0	1	0	0 618	76
4 (50901	KINGW	00D 11-F	eb-13	13	0	2	59 45	0 232	17	59	38	88	25	6 0	.13	0	1	0	0 461	57
4 (50901	KINGW	00D 10-F	eb-13	13	0	3	48 32	0 27	3	48	11	89	32	0	0	0	1	0	0 343	43
4 (50901	KINGW	OOD 09-F	eb-13	13	0	2	30 53	0 2 9 4	6	38	22	94	53	2 0	.02	0	1	0	0 5 9 5	74
4 (50901	KINGW	OOD 08-F	eb-13	13	0	3	38 94	0 271	11	48	36	94	53	9	0.4	0	1	0	0 37	5
4 (50901	KINGW	OOD 07-F	eb-13	13	0	3	42 60	0 2 6 0	2	42	23	95	60	3 0	.07	0	1	0	0 270	34
4 (50901	KINGW	OOD 06-F	eb-13	13	0	3	2986	0 280	5	36	27	96	82	5 0	.22	0	1	0	0 35	4
4 (50901	KINGW	OOD 05-F	eb-13	13	0	4	35 96	0 223	10	35	26	98	51	2 0	.03	0	1	0	0 93	12
4 (50901	KINGW	OOD 04-F	eb-13	13	0	2	28 51	0 243	10	28	17	89	51	0	0	0	1	0	0 489	64
4 (50901	KINGW	00D 03-F	eb-13	13	0	7	2685	0 238	6	26	22	92	45	0	0	0	1	0	0 191	25
4 (50901	KINGW	OOD 02-F	eb-13	13	0	3	22 45	0 220	9	22	4	77	45	0	0	0	1	0	0 198	26
4 (50901	KINGW	00D 01-F	eb-13	13	0	3	12 58	0 248	12	26	10	91	49	0	0	0	1	0	0 287	38

Export Output (Excel File)



WIMS / NFDRS Timeline

F A
I G
R E
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C
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E S

Afternoon fire
weather observations
(both RAWS and
Manual) are taken by
Land Management
agencies



Observations entered

into NFDRS (Today's

"actual" indices are available at this time.)

Collectives of weather observations from WIMS made available to weather offices

Agencies receive Predicted fire danger indices through WIMS.

1

1330 -1400 | 1400 -1430 |

1445

|1500 - 1530| 1530 - 1600|

1330 1400 1430 1500 1530 1600

W O E F A F I H C E E

R

S

Between 1330 -1430

Fire weather forecasters edit the graphical forecast NDFD gridded forecast database, narrative Fire Weather Forecast (FWF) is produced automatically using the NDFD database, FWF is viewed and edited (if necessary) and the FWF is transmitted.



1500 - 1530|

Fire weather forecasters formulate NWS Point Forecasts for each RAWS in their forecast area which are then transmitted into WIMS

